|   | Index of Claims |                          |          |            |          |                |                    |                 |          |           |            |       | - [ '          | Application No.        |                 |                |         |          |                 |               |  |         |          | Applicands)       |                 |           |           |           |         |              |  |          |   |  |
|---|-----------------|--------------------------|----------|------------|----------|----------------|--------------------|-----------------|----------|-----------|------------|-------|----------------|------------------------|-----------------|----------------|---------|----------|-----------------|---------------|--|---------|----------|-------------------|-----------------|-----------|-----------|-----------|---------|--------------|--|----------|---|--|
|   |                 |                          |          |            |          |                |                    |                 |          |           |            |       |                | 09/815,277<br>Examiner |                 |                |         |          |                 |               |  |         |          | PEYMAN, GHOLAM A. |                 |           |           |           |         |              |  |          |   |  |
|   |                 |                          |          |            |          |                |                    |                 |          |           |            |       |                |                        |                 |                |         |          |                 |               |  |         |          |                   | Art Unit        |           |           |           |         |              |  |          |   |  |
|   |                 |                          |          |            |          |                |                    |                 |          |           |            |       |                |                        | •               |                |         |          |                 |               |  |         |          |                   |                 |           |           |           |         |              |  |          |   |  |
|   |                 |                          |          |            |          |                |                    |                 |          |           |            |       |                |                        |                 |                |         |          |                 |               |  |         |          |                   |                 |           |           |           |         |              | 1                                      |          |   |  |
|   |                 |                          | Г        | T          |          |                |                    | ]               |          |           |            | /*    | <b></b>        |                        |                 |                |         | 7        |                 | <del></del>   |  |         |          |                   |                 | _         |           | -         | -       |              | ٦.                                     |          |   |  |
|   |                 |                          | √        | R          | eje      | ecte           | be                 |                 |          | -         |            | (11   | nrot<br>C:     | igh r                  | num<br>hall     | era            | )       |          | N               | Non-Elected   |  |         | ted      | d                 | A               | Appeal    |           |           |         |              |  |          |   |  |
|   | -               |                          |          |            |          |                |                    |                 |          |           | Cancelled  |       |                |                        |                 |                |         |          |                 | H             | <u>-</u>   |         |          |                   |                 | 4         |           | •         |         |              |  |          |   |  |
|   | = Allowed -     |                          |          |            |          |                |                    |                 |          | +         | Restricted |       |                |                        |                 | I Interference |         |          | 0               | Objected      |  |         |          |                   |                 |           |           |           |         |              |  |          |   |  |
|   |                 |                          | L        | <u> </u>   |          |                |                    | J               |          | Ш         | 1          |       |                |                        | <del>i</del>    |                |         |          | Ш               | <u> </u>      |  |         |          |                   | J               |           |           |           |         |              |  |          |   |  |
|   | Claim Date      |                          |          |            |          |                |                    |                 |          |           | Claim      |       |                | <del>!</del>           | Date            |                |         |          |                 | <b>]</b> :::: | Claim  |         | Ι_       | Date              |                 |           |           |           |         |              | 1                                      |          |   |  |
|   |                 |                          |          |            |          |                |                    |                 | $\Box$   |           |            |       | Г <sup>—</sup> | П                      | Т               | T              | Ī       | ĬП       |                 | $\prod$       |  |         | 1        |                   |                 | T         | Ť         | Ť         | T       |              |  |          |   |  |
|   | Final           | Original                 | 100      | C          |          |                | i                  |                 |          |           |            |       | Final          | Original               | 1               | -              |         |          |                 |               |  |         | Final    | Original          |                 | ı         | 1         |           | 1       |              | İ                                      |          |   |  |
|   | ı Œ             | ō                        | 8        | 100        |          | l              |                    |                 |          |           |            |       | Œ              | ō                      |                 |                |         |          | 1               |               |  |         | Œ        | Ö                 |                 | - 1       |           | ł         |         |              |  | ŀ        |   |  |
|   | 1               | 0                        | 1        | <u>  3</u> | ┢        | <del>  -</del> | H                  | $\vdash$        | H        | Н         | $\dashv$   |       |                | 51                     | ╁┼              |                | ╫       | ╁╌       | ╁               | _             | ++-  |         |          | 101               | ┼┤              | +         | +         | +         | +       | +            | ╁                                      | $\vdash$ | İ |  |
|   | 5               | 2                        | V        |            |          |                |                    | H               |          |           |            |       |                | 52<br>53               | П               | $\top$         | +       | 十        | $\Box$          | _             | 11   |         |          | 102               | $\Box$          | $\exists$ |           |           |         | $^{\dagger}$ | †                                      |          | j |  |
|   | 6               | 3                        | V        |            |          |                |                    |                 | Г        | П         |            |       |                |                        |                 | $\perp$        |         | Ŀ        | П               | _             | Ш  |         |          | 103               | П               | $\Box$    | Ι.        |           | $\perp$ | Ţ            | Ţ                                      |          |   |  |
|   | 79              | 4                        | 1        |            | ⊢        | <u> </u>       | $\vdash$           | $\vdash \vdash$ |          | Н         |            |       |                | 54<br>55               | $\vdash +$      | +              | +       | ╀        | $\vdash \vdash$ |               | <del>                                     </del> |         | <u> </u> | 104               | Н               | 4         |           | -         | +       | +            | +-                                     | Н        |   |  |
|   | 20              | 5<br>6                   | \<br>√   |            | ├        |                | ┨                  |                 |          | Н         | $\dashv$   |       |                | 56                     | $\vdash$        | ╅              | ╁       | ╁        | H               |               | ++-  |         |          | 105<br>106        | ╢               | $\dashv$  | +         | +         | ┿       | ╫            | +-                                     | -        |   |  |
|   | 7               | 7                        | V        |            | $\vdash$ | ╁─             | H                  | H               |          |           | $\dashv$   |       | _              | 57                     | $\vdash$        | +              | 十       | ╁╌       | H               |               | $\dagger \dagger$                                |         |          | 107               | H               | 十         | $\dagger$ | $\dagger$ | +       | ╁            | ╁                                      | Н        |   |  |
|   | 8               | 8                        | 1        |            |          |                |                    |                 |          |           |            |       |                | 58                     | П               |                |         |          |                 |               |  |         |          | 108               | П               | I         |           |           |         | T            | I                                      | Ш        |   |  |
|   | 9               | 9                        | 1        |            |          | ــــ           | $\sqcup$           |                 | Ш        | Ц         | $\dashv$   |       |                | 59                     | $\vdash$        | +              | +       | ╀-       |                 |               | +  |         |          | 109               | Ш               | 4         | -         | 4         | 4       | $\downarrow$ | $\bot$                                 | $\vdash$ |   |  |
|   | 11              | 10<br>11                 | √<br>v   | +-         | H        | ┢              | $\vdash$           | $\dashv$        | _        | -1        | $\dashv$   |       | _              | 60<br>61               | ╁               | +              | +       | ╁        | ⊢               |               | <del>                                     </del> |         | ┝        | 110<br>111        | ╢               | -         | +         | +         |         | ╁            | -                                      | ╁┤       |   |  |
|   | /3              | 12                       | V        |            | $\vdash$ |                | $\vdash$           |                 |          | Н         |            |       |                | 62                     |                 | +              | ╁       | $\vdash$ | H               |               |  |         |          | 112               | ┯┪              | $\dashv$  | +         | $\dagger$ | +       | ╈            | +-                                     | $\vdash$ |   |  |
|   | 14              | 13                       | ٧        |            |          |                |                    |                 |          |           |            |       |                | 63                     |                 |                |         |          |                 |               |  |         |          | 113               |                 |           |           |           |         |              |  |          |   |  |
|   | 15              | 14                       | ۱×,      | ₩.         | _        | Ш              | $\square$          |                 |          |           | _          |       |                | 64                     |                 | +              | 4       | ļ_       | Н               |               |  |         |          | 114               | $\sqcup$        | 4         | 4         | +         | -       | +            | -                                      | Н        |   |  |
|   | 16              | 15<br>18                 | ∤┵       | 5          | H        | H              | $\vdash$           | $\vdash$        | -        | Н         |            |       |                | 65<br>66               | ╁╾┼╴            | ╁              | ╁       | ┢        | Н               |               | ╁╌╁╴   |         | ┝        | 115<br>116        | $\vdash$        | +         | +         | +         | -       | ╁            | +                                      | Н        |   |  |
|   | 17              | 17                       | 1        | =          |          | -              | $\vdash$           | $\dashv$        | $\dashv$ |           | ㅓ          |       |                | 67                     | ╁┼              | +              | 十       | +-       |                 |               | ╁┼┼  |         |          | 117               | $\vdash$        | $\dashv$  | $\pm$     | 十         | +       | ╅            | +                                      | $\vdash$ |   |  |
|   | 18              | 18                       | 1        | Ī          |          |                |                    |                 |          |           | $\Box$     |       |                | 68                     |                 |                | Ŀ       |          |                 |               |  |         |          | 118               |                 |           |           |           |         |              |  |          |   |  |
|   | 10              | 19                       | 1        |            | <u> </u> | _              | $\sqcup$           |                 |          |           | $\dashv$   |       |                | 69                     | $\sqcup$        | 4              | $\bot$  | 4        | Н               |               | ₩-   |         | <u> </u> | 119               | $\sqcup$        | -         |           | $\perp$   | -       | +            | $\bot$                                 | Н        |   |  |
|   | -1-             | 20<br>21                 | 1        | 1          |          |                | ┝─┤                | $\vdash$        | $\dashv$ | Н         | $\dashv$   |       |                | 70<br>71               | $\vdash$        | +              | ╁       | ╁        | $\vdash \vdash$ |               | ++   |         |          | 120<br>121        | H               | -         | $\dashv$  | +         | ╁       | ╁            | ┿                                      | Н        |   |  |
|   | ~               | 22                       | Ė        | -          | ļ        | Н              | $\vdash$           |                 |          |           | $\dashv$   |       |                | 72                     | $\vdash$        | $^{\dagger}$   | +       | 1        | H               |               |  |         |          | 122               | П               | +         | 十         | $\dagger$ | +       | ✝            | +                                      | Н        |   |  |
|   | 3               | 23                       | √        | Ξ          |          |                |                    |                 |          |           |            |       |                | 73                     | П               | I              |         |          |                 |               |  |         |          | 123               |                 |           |           | I         |         | I            |  |          |   |  |
|   |                 | 2                        | _        | <u> </u>   | _        | Ш              | Ш                  | Щ               | _        |           | _          |       |                | 74                     |                 | 4              | 1       | ╁—       | $\sqcup$        |               | 4-4-   |         |          | 124               | Н               | 4         | _         | +         | +       | +            | <b>-</b>                               | Н        |   |  |
|   |                 | <b>1</b> 5               |          | ╁          | H        | -              | $\vdash$           | $\dashv$        | -        | -         | $\dashv$   |       | —              | 75<br>76               | ┝┼              | +              | +-      | ╁        | $\vdash \vdash$ | _             | 1  |         |          | 125<br>126        | $\vdash$        | $\dashv$  | +         | +         | ┿       | +            | +                                      | H        |   |  |
|   |                 | <b>2</b> 6<br><b>2</b> 7 | _        | -          | $\vdash$ | H              | H                  |                 | $\dashv$ |           | $\neg$     |       |                | 77                     | $\vdash$        | ╅              | +-      | +-       | H               |               | <del>                                     </del> |         |          | 127               | П               | $\dashv$  | 十         | $\dagger$ | 十       | +            | +                                      | Н        |   |  |
|   |                 | 18 AP AP                 |          |            |          |                |                    |                 |          |           |            |       |                | 78                     |                 |                |         |          |                 |               |  |         |          | 128               |                 |           |           |           |         |              |  |          |   |  |
|   |                 | 2                        | <u> </u> |            | _        | <u> </u>       | Ш                  | _               | _        |           |            |       |                | 79                     |                 | +              | +       | ┼        | $\sqcup$        | _             | ++   |         |          | 129               |                 | 4         | -         | +         | -       | 4-           | -                                      | Н        |   |  |
|   | 22              | 31)                      | J        | =          | -        | Н              | ${oldsymbol{ert}}$ | $\dashv$        |          | $\dashv$  |            | ŀ     |                | 80<br>81               | $\vdash$        | +              | +       | $\vdash$ | $\vdash$        |               | +-+-   |         | <u> </u> | 130<br>131        | -               | +         | +         | +         | +       | +            | +                                      | Н        |   |  |
|   | 25              | 3                        |          | $\dagger$  |          | H              |                    |                 | _        |           | $\exists$  |       |                | 82                     |                 | 十              | _       | T        |                 | _             |  |         |          | 132               |                 | _         | 丁         | 士         | T       | 士            | 1                                      | Ħ        |   |  |
|   | 26              | 33                       | 1        |            |          |                | П                  |                 | $\Box$   |           | $\Box$     |       |                | 83                     | П               | $\bot$         | I       | $\Box$   | П               |               |  |         |          | 133               |                 | $\Box$    | $\bot$    | Ţ         | T       | T            | 1                                      | П        |   |  |
|   | 23              | 34                       | 1        |            | Ш        | Н              | Н                  | _               |          | _         | _          |       |                | 84<br>85               |                 | -              | +       | ┼-       | $\vdash \vdash$ | _             |  |         |          | 134<br>135        | $\vdash$        | $\dashv$  | -         | +         | +       | +            | -                                      | $\vdash$ |   |  |
|   | 24              | 35<br>36                 | ~        | F          |          | Н              | Н                  | -               |          |           | $\dashv$   |       |                | 86                     | $\vdash \vdash$ | ╁              | +       | ╁        | $\vdash$        | -             | +  |         |          | 136               | ╁┤              | $\dashv$  | +         | ╁         | ╁       | ╁            | +-                                     | H        |   |  |
|   |                 | 37                       |          | t          |          | П              | $\vdash$           | $\dashv$        | 7        |           | _          |       |                | 87                     |                 |                | 1       | T        |                 |               |  |         |          | 137               | $\Box$          | 寸         | 士         | 1         |         | T            |  |          |   |  |
|   |                 | 38                       |          |            |          |                |                    |                 |          | $\Box$    |            |       |                | 88                     | Ц               | $\perp$        | 1       | L        |                 | _             |  |         |          | 138               | П               | $\Box$    |           | 1         | _       | 1            |  | Ш        |   |  |
|   |                 | 39                       | -        | ┝          |          | Н              | $\vdash$           |                 |          |           |            |       |                | 89                     | $\vdash$        | -              | +-      | ╁        | $\vdash$        |               | $\vdash$   |         |          | 139               |                 | $\dashv$  | +         | +         | +       | +-           | +-                                     | $\vdash$ |   |  |
|   |                 | 40<br>41                 | ├        | $\vdash$   | Н        | Н              | $\vdash \vdash$    | $\dashv$        | $\dashv$ | $\dashv$  | $\dashv$   |       |                | 90<br>91               | H               | +              | +       | +        | $\vdash$        |               | <del> - -</del>                                  |         |          | 140               | $\vdash$        | $\dashv$  | +         | +         | +       | +-           | +-                                     | $\vdash$ |   |  |
|   |                 | 42                       |          |            | H        | $\vdash$       |                    |                 |          | $\exists$ |            |       |                | 92                     |                 | 士              |         |          |                 | _             |  |         |          | 142               | 口               |           | $\perp$   | $\pm$     | $\perp$ | I            |  | H        |   |  |
|   |                 | 43                       |          |            | П        |                |                    |                 | $\Box$   |           | $\Box$     |       |                | 93                     |                 | I              | T       |          | $\Box$          |               | $\Box$   |         |          | 143               | П               | $\Box$    | 1         | Ţ         | T       | T            | T                                      | П        |   |  |
|   |                 | 44                       | <u> </u> | <u> </u>   | $\vdash$ | Н              | Н                  | $\dashv$        | 4        | _         | 4          |       |                | 94                     | -               | +              | +       | +-       | $\vdash \vdash$ | _             | ╁╌╂╌┤  |         | -        | 144               | $\vdash \vdash$ |           | +         | +         | - -     | +            | +-                                     | $\vdash$ |   |  |
|   |                 | 45<br>46                 | -        | -          | Н        | H              | $\vdash \vdash$    | $\dashv$        | $\dashv$ |           |            |       |                | 95<br>96               | ╁┼              | +              | +-      | +        |                 | _             | +  |         |          | 146               | ╁┼              | $\dashv$  | +         | +         | +       | +            | +                                      | Н        |   |  |
|   |                 | 47                       |          | $\vdash$   | Н        | $\vdash$       |                    |                 | _        |           | $\exists$  | H     |                | 97                     |                 | +              | $\perp$ |          | ╚               | _             |  |         |          | 147               |                 | $\perp$   | 士         | 士         | 士       | 士            | I                                      |          | · |  |
|   |                 | 48                       |          |            |          |                |                    | $\Box$          | 口        |           | $\Box$     |       |                | 98                     | П               | $\bot$         | T       |          | П               |               |  |         |          | 148               | П               | Ţ         | 1         | 1         | Ŧ       | Ţ            | $\perp$                                | П        |   |  |
|   |                 | 49                       | <u> </u> | -          |          | $\vdash$       | $\sqcup$           | $\dashv$        |          |           | $\dashv$   |       |                | 99<br>100              | $\vdash$        | +              | +       | ┼-       | $\vdash \vdash$ |               | +  |         |          | 149               | $\vdash \vdash$ | $\dashv$  | +         | +         | +       | +            | +                                      | $\vdash$ |   |  |
| ļ |                 | 50                       | L        |            | Ш        | ш              | Ш                  |                 | i        |           |            | ::::[ |                | 100                    | للل             |                |         |          | Ц               |               |  | jarari) | L        | 1 100             | щ               | L         |           |           |         | Т.           | ــــــــــــــــــــــــــــــــــــــ | L        | J |  |
|   |                 |                          |          |            |          |                |                    |                 |          |           |            |       |                |                        |                 |                |         |          |                 |               |  |         |          |                   |                 |           |           |           |         |              |  |          |   |  |

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